

CLAIMS

What is claimed is:

1. / A method of forming retroreflective sheeting comprising:
 - a) forming a mold by:
 - 5 (i) forming three sets of parallel grooves in a body of mold material; the grooves intersecting at an angle to form a plurality of prisms each prism having a base and three intersecting lateral faces which meet at an apex;
 - 10 (ii) removing a portion of at least one face of a prism to form a shorter size prism adjacent a taller size prism and a cut surface therebetween;
 - b) texturing some, but not all, of the surfaces of the faces and cut surface;
 - c) forming a replica of the mold;
 - d) forming the sheeting in the replica; and
 - 15 e) removing the sheeting from the mold.
2. The method of Claim 1 wherein the prisms are formed in pairs and wherein the prisms have a tilted optical axis.
3. The method of Claim 1 wherein the step of removing the portion of at least one face of a prism comprises fly-cutting.
- 20 4. The method of Claim 1 wherein the shorter size prism is formed to have a skewed optical axis.
5. Retroreflective sheeting formed by the method of Claim 1.
6. The method of Claim 1 further including the step of metallizing the sheeting on a prism face side.
- 25 7. / A method of forming retroreflective sheeting comprising:
 - a) forming a mold by forming three sets of parallel grooves in a body of mold material; the grooves intersecting at an angle to form a plurality of

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- b) coating at least a portion of the lateral faces with photoresist;
 - c) exposing the photoresist to a substantially random speckle pattern;
 - d) developing the exposed photoresist and selectively removing the developed photoresist;
 - 5 e) etching the mold in the areas of the speckle pattern; and
 - f) removing a portion of at least one face of a prism to form a shorter prism adjacent a taller size prism and a cut surface therebetween.
14. The method of Claim 13 further comprising forming a replica of the mold.
15. The method of Claim 14 further comprising forming the sheeting in the replica.
- 10 16. The method of Claim 15 further comprising removing the sheeting from the replica.

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